

10/695,936
ATA 11/6/07

encryption algorithm (i.e., whether the proposed encryption algorithm is contained in set E) (S813). If the proposed encryption algorithm is not supported by the ~~encryption/decryption~~ encryption/decryption processing section 16 (i.e., the proposed encryption algorithm is not contained in set E), a response cannot be returned to the initiator; therefore, the negotiation fails, and a next proposal packet is awaited. If the proposed encryption algorithm is supported by the ~~encryption/decryption~~ encryption/decryption processing section 16 (i.e., the proposed encryption algorithm is contained in set E), the encryption algorithm is returned to the initiator (S814), and the returned encryption algorithm is set in the ~~encryption/decryption~~ encryption/decryption processing section 16 (S815).

Please amend the paragraph beginning on page 35, line 20 as follows:

[0065] At the initiator, upon receiving the response packet (S804), the returned encryption algorithm is set in the ~~encryption/decryption~~ encryption/decryption processing section 38 (S805).

Please amend the paragraph beginning on page 39, line 20 to page 40, line 1 as follows:

[0074] First, the encryption information determination section 32 in the communication device 24 (hereinafter "responder") ascertains the encryption algorithms supported by the ~~encryption/decryption~~ encryption/decryption processing section 38 (set A) (S1001). Thus, it enters a state of waiting for a proposal packet from the encryption information determination section 18 in the network camera 12 (hereinafter "initiator").

ATA 10/6/07
Please amend the paragraph beginning on page 43, line ¹⁸~~24~~ as follows:

[0086] Next, in order to actually use the returned encryption algorithm, the responder sets the encryption algorithm in the ~~encryption/decryption~~ encryption/decryption processing section 38 (S1005). On the other hand, the initiator receives a response packet from the responder (S1013), and sets the returned encryption algorithm in the ~~encryption/decryption~~ encryption/decryption

10/695,936
A9A 11/6/07

38 (S1205).

A9A 11/6/07
Please amend the paragraph beginning on page 47, line 5 as follows:

[0098] First, the encryption information determination section 32 ascertains the encryption algorithms supported by the ~~encryption/decryption~~ encryption/decryption processing section 38 (set A) (S1401). Moreover, the encryption information determination section 18 ascertains the encryption algorithms supported by the ~~encryption/decryption~~ encryption/decryption processing section 16 (set E) (S1421).

Please amend the paragraph beginning on page 49, line 8 as follows:

[0103] Next, the responder transmits a response packet in response to the received proposal packet (S1423 to S1425), and sets the returned encryption algorithm to the ~~encryption/decryption~~ encryption/decryption processing section 16 (S1426). Upon receiving the response packet (S1406), the initiator sets the returned encryption algorithm to the ~~encryption/decryption~~ encryption/decryption processing section 38 (S1407). The above procedure (S1406, S1407, S1423 to S1426) is exactly the same as that in the case where the communication device 24 works as an initiator in Embodiment 1 (S804, S805, S812 to S815 in FIG. 8), and any detailed descriptions thereof are omitted.

Please amend the paragraph beginning on page 54, line 8 as follows:

[0118] <operation procedure of the counterparting end>

Next, the operation procedure of the counterparting end will be described. First, the counterparting end performs an encryption algorithm negotiation with the encryption algorithm selecting-end (S1621). At this time, a plurality of encryption algorithms are agreed upon between itself and the encryption algorithm selecting-end, and encryption keys and decryption keys for all such encryption algorithms are generated. Then, it is determined whether an encrypted packet has been received from the communication device 24 (S1622). If the result of the determination is YES, the encryption algorithm which is applied to this packet is set as the encryption algorithm